

N.P. 264



PRICE
FOUR SHILLINGS

THE CHANNEL ISLANDS
AND
ADJACENT COASTS OF FRANCE
POCKET TIDAL STREAM ATLAS

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Hydrographer of the Navy

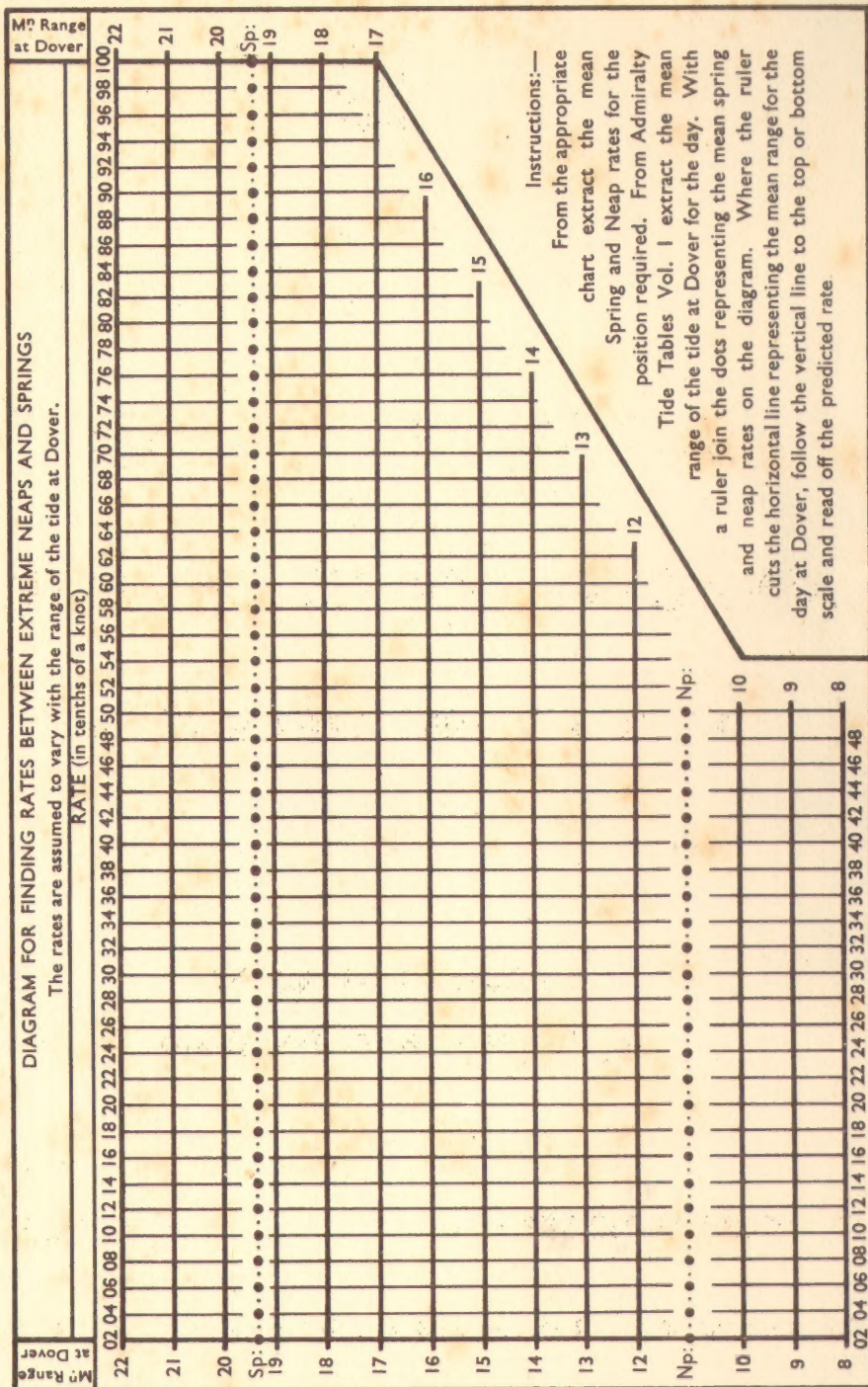
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TO BE OBTAINED FROM THE AGENTS FOR THE SALE OF ADMIRALTY CHARTS

H.D.347

COMPUTATION OF RATES BETWEEN EXTREME NEAPS AND SPRINGS



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Description.

The directions of the streams are shown by the arrows. These have been graded in weight and, where possible, in length to indicate the approximate rate of the tidal stream so that $\rightarrow$ indicates a weak stream and $\longrightarrow$ indicates a strong stream.

The figures give the mean neap and spring rates in tenths of a knot, thus: 14,34 indicates a mean neap rate of 1.4 knots and a mean spring rate of 3.4 knots. The comma indicates the approximate position at which the observations were obtained.

Computation of Rates. Example:

Required:— Prediction of the rate of the tidal stream in the channel N.W. of Sark at 0400 G.M.T. on 23rd July, 1959.

Extract from A.T.T. Vol. I for 23rd July, 1959 at Dover.

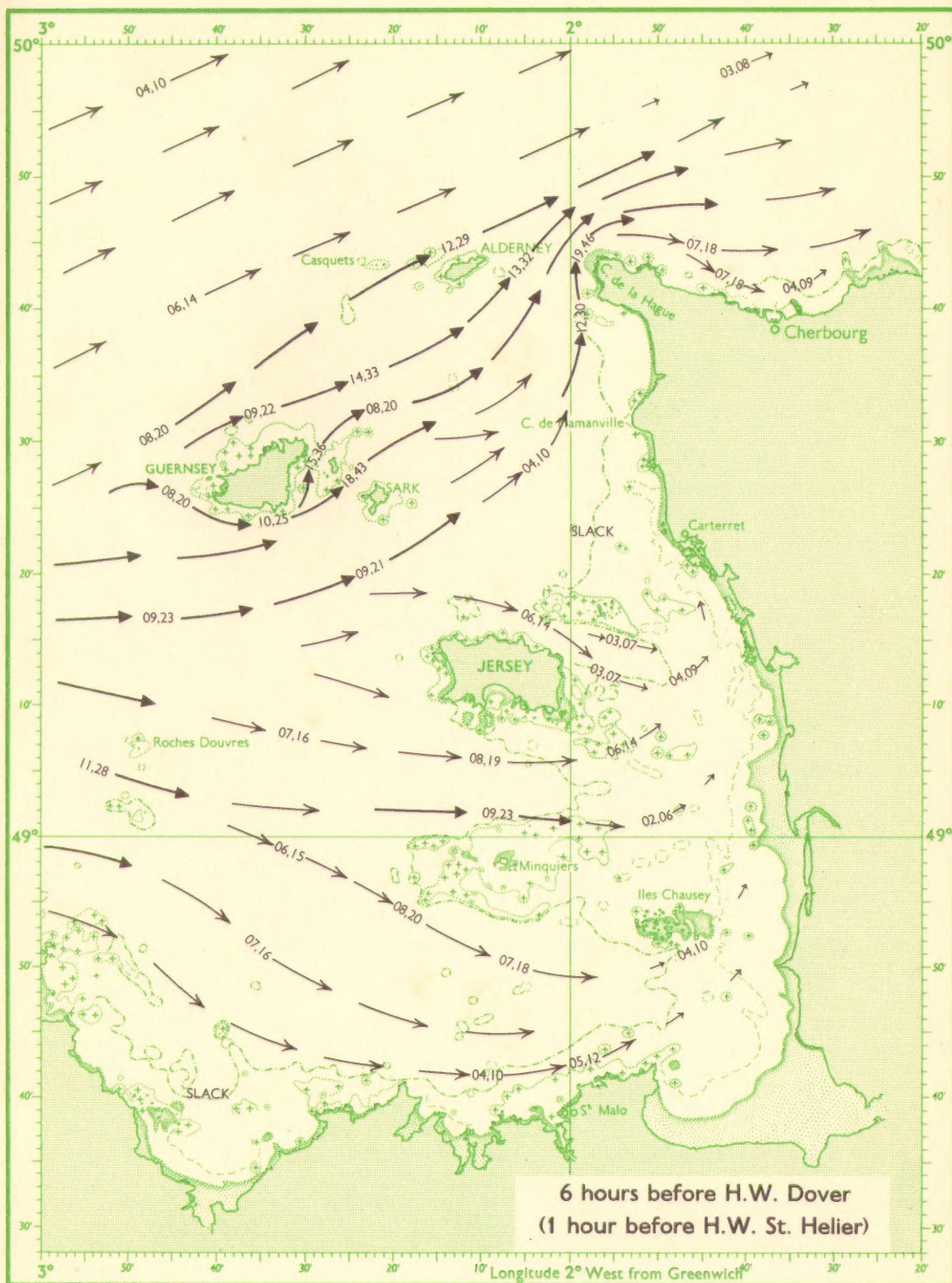
0100	18.9
0743	— 0.2
1234	19.2
2006	— 0.5

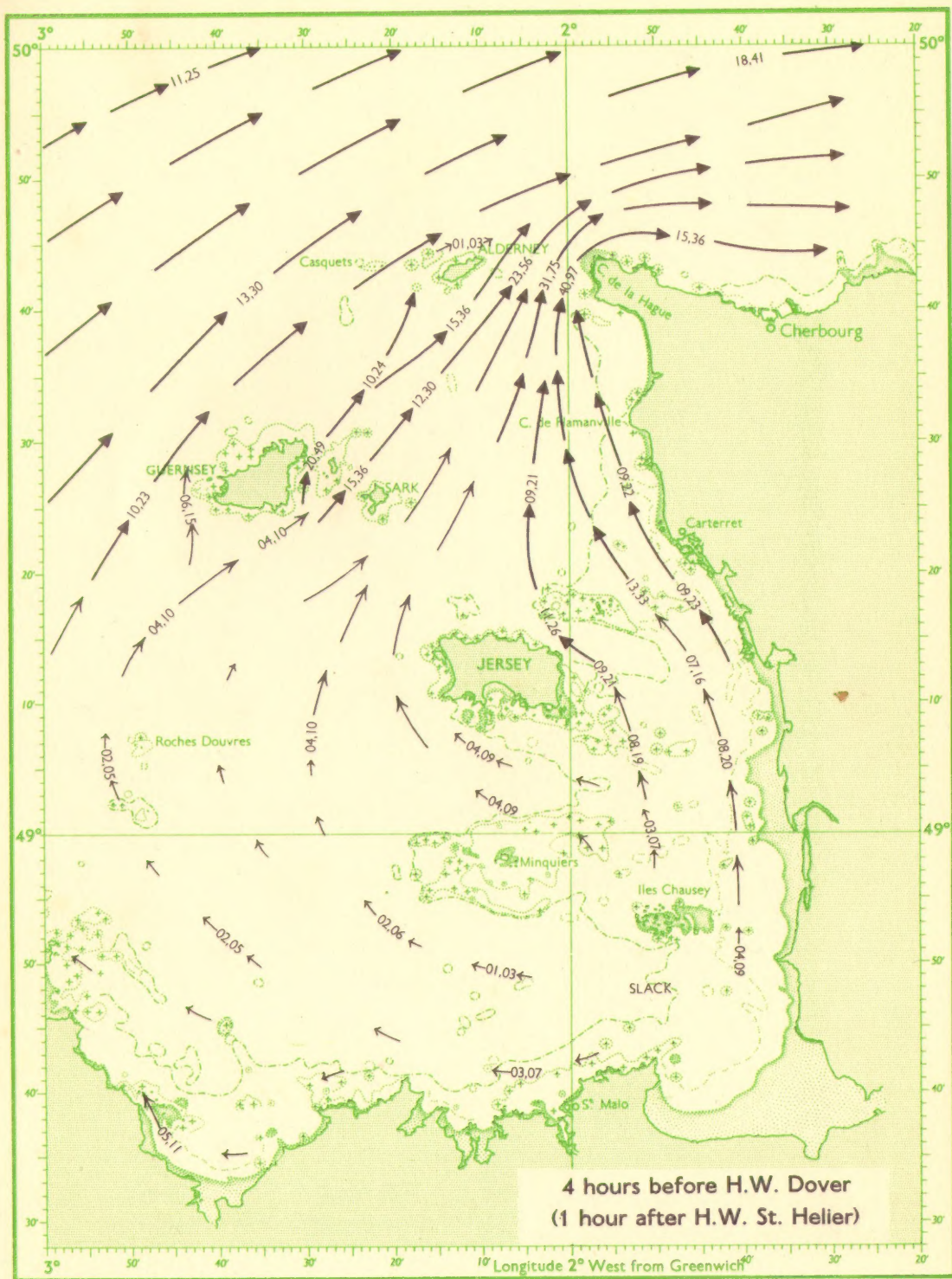
Mean Range for the day is 19.4 ft.

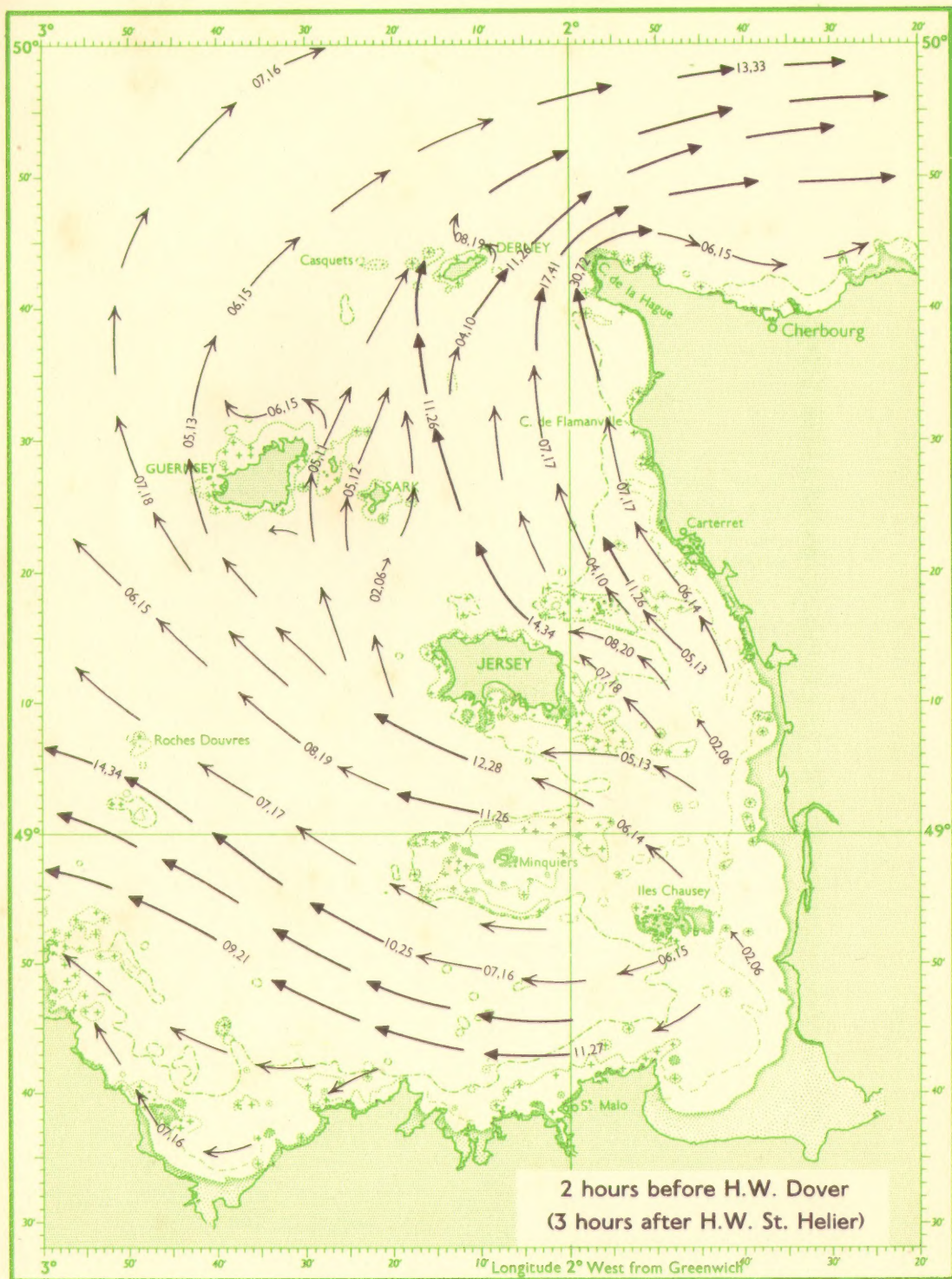
Appropriate chart in atlas is that for 3 hours after H.W. Dover.

From chart, rate given is 15,37.

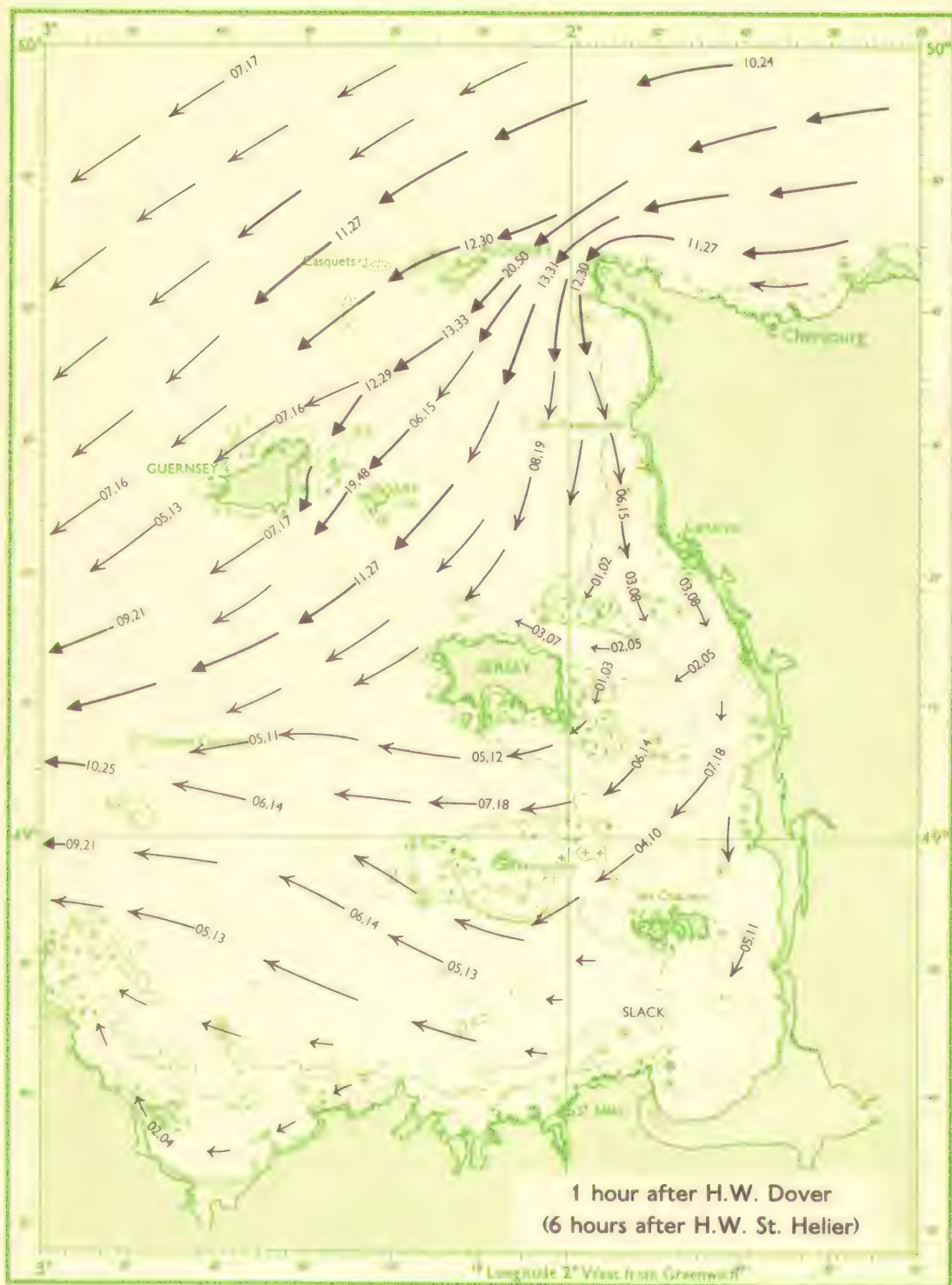
From diagram, predicted rate is 3.7 knots.





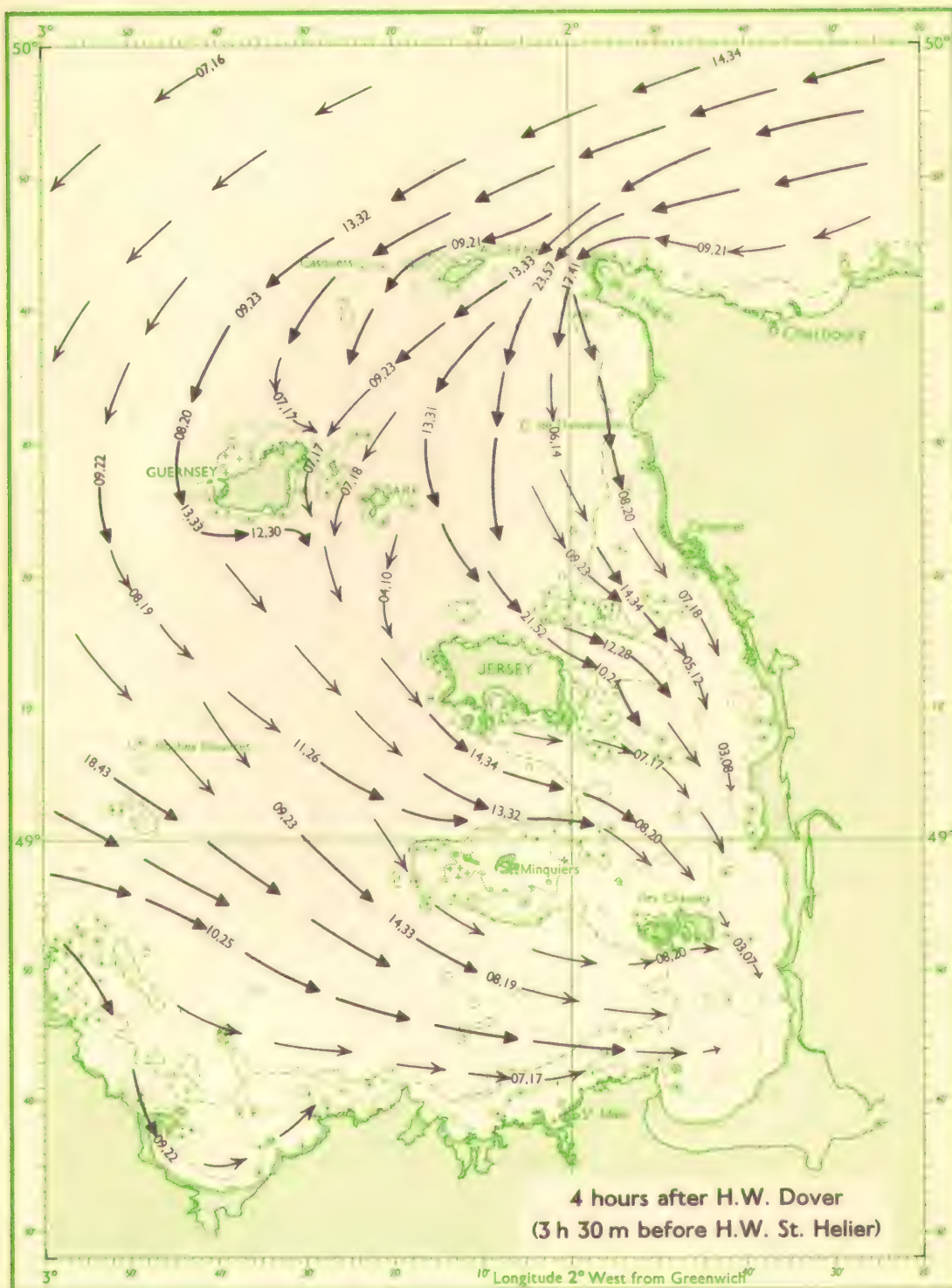




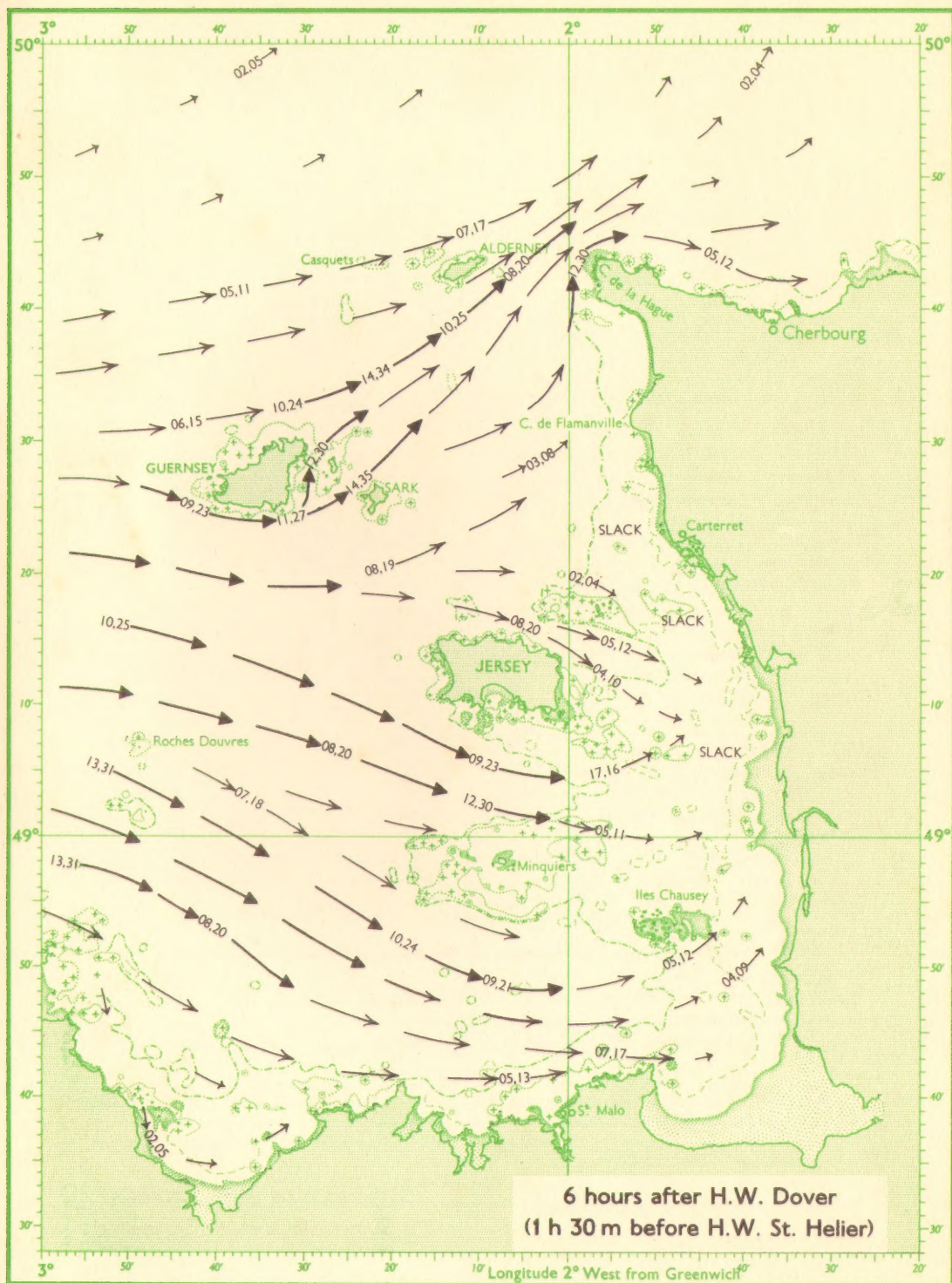












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